ABSTRACT

A method, system, and program for providing runtime graph parameters and conditional components for data flow graphs. Runtime parameters allow an application builder to defer the value of a parameter setting to runtime. The values of runtime parameters may be supplied by the end user or be derived from a combination of other runtime parameters or objects stored in an object repository. A developer may specify a prompt for each parameter and the conditions for displaying the prompt, which are used to determine a graphical user interface control for receiving the parameter value. A conditional components mechanism permits changes to a graph structure based on parameter values and computed metadata. Each component of a graph has a condition which controls whether or not that component will appear in the graph at runtime. The condition can be computed directly or indirectly through runtime parameters.